

Replacement Sheet

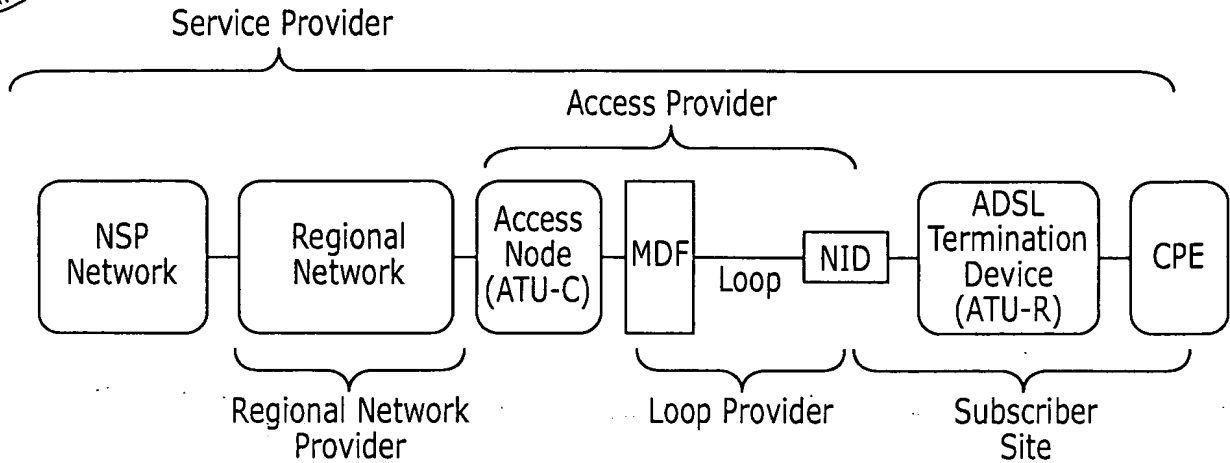


FIGURE 1
(PRIOR ART)

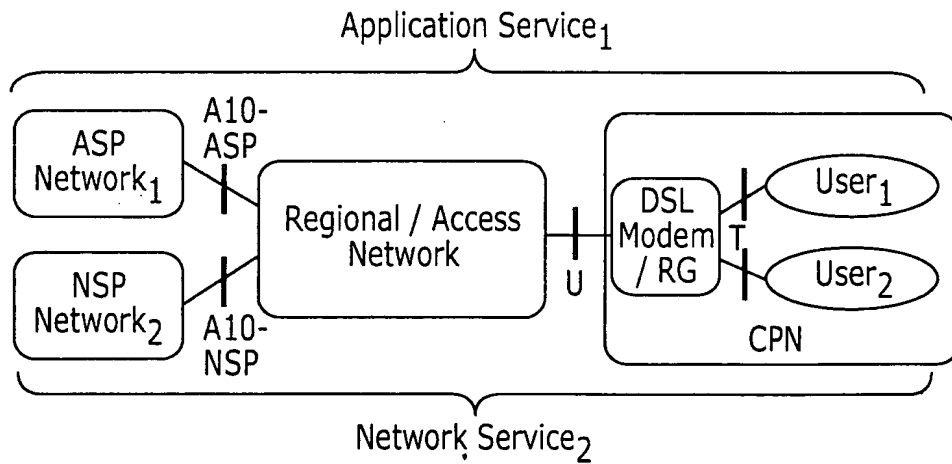


FIGURE 2
(PRIOR ART)

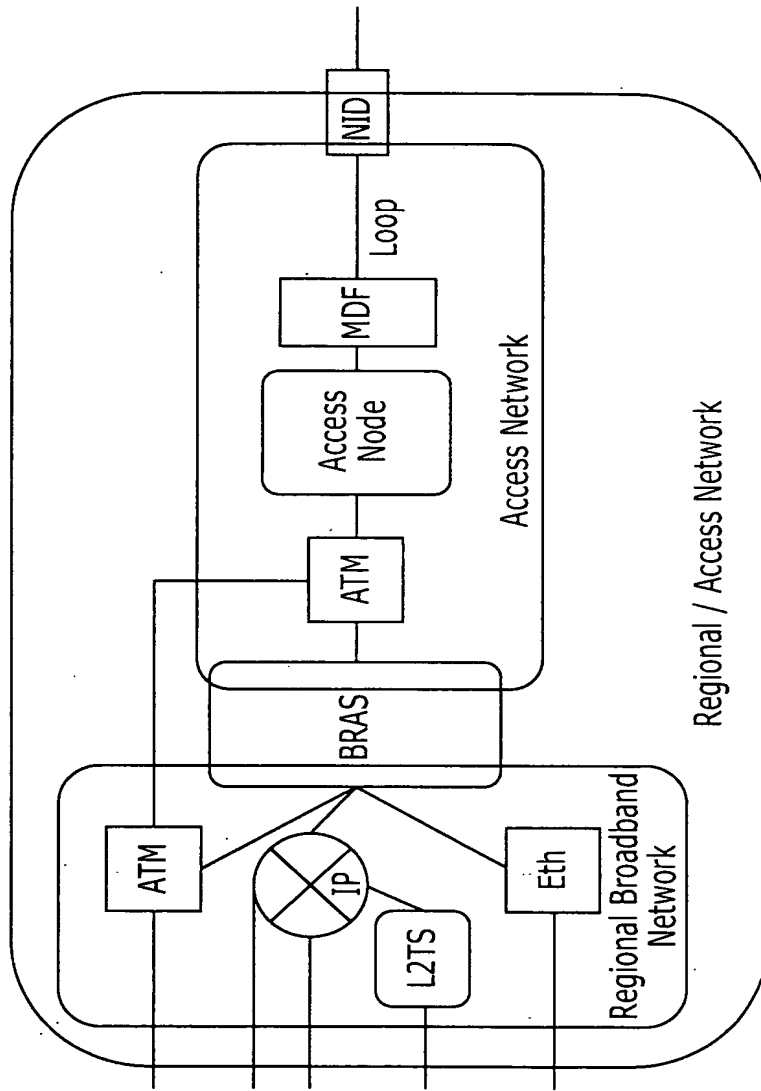


FIGURE 3
(PRIOR ART)

Replacement Sheet

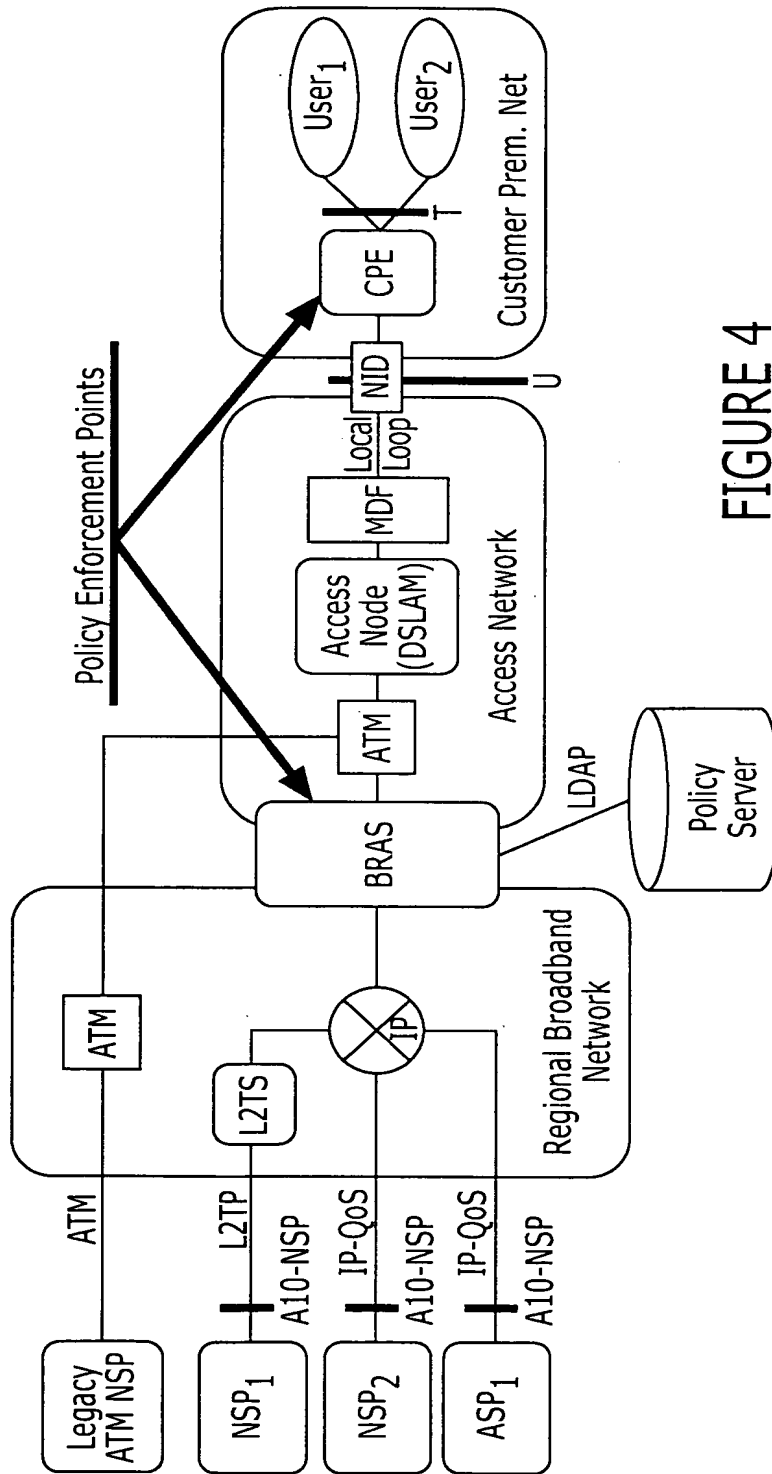


FIGURE 4
(PRIOR ART)

A circular black and white stamp. The outer ring contains the text "OIPE" at the top and "PATENT & TRADEMARK OFFICE" at the bottom. In the center, the date "APR 21 2004" is stamped.



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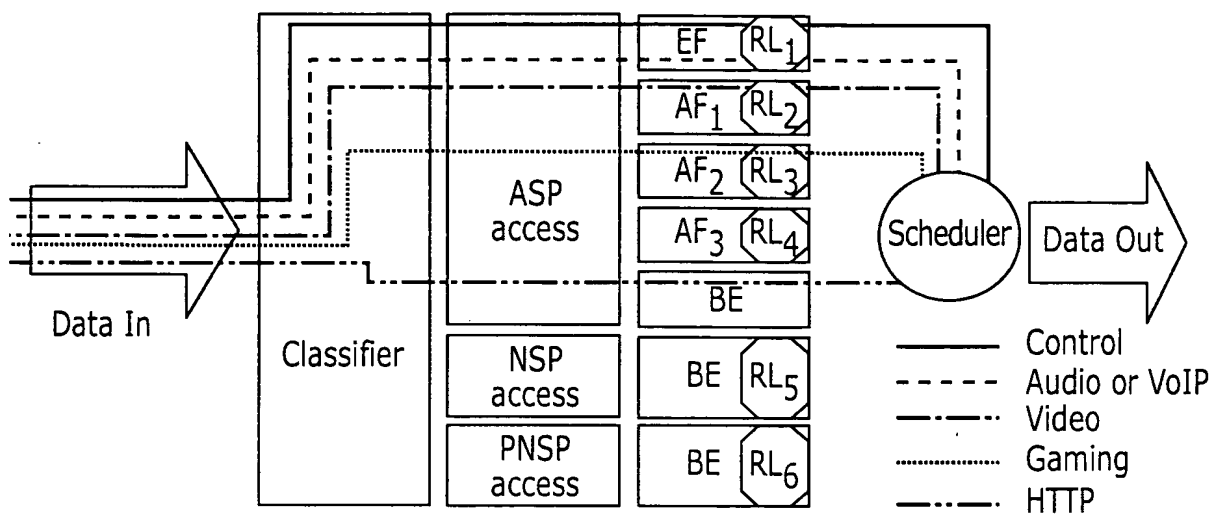


FIGURE 6

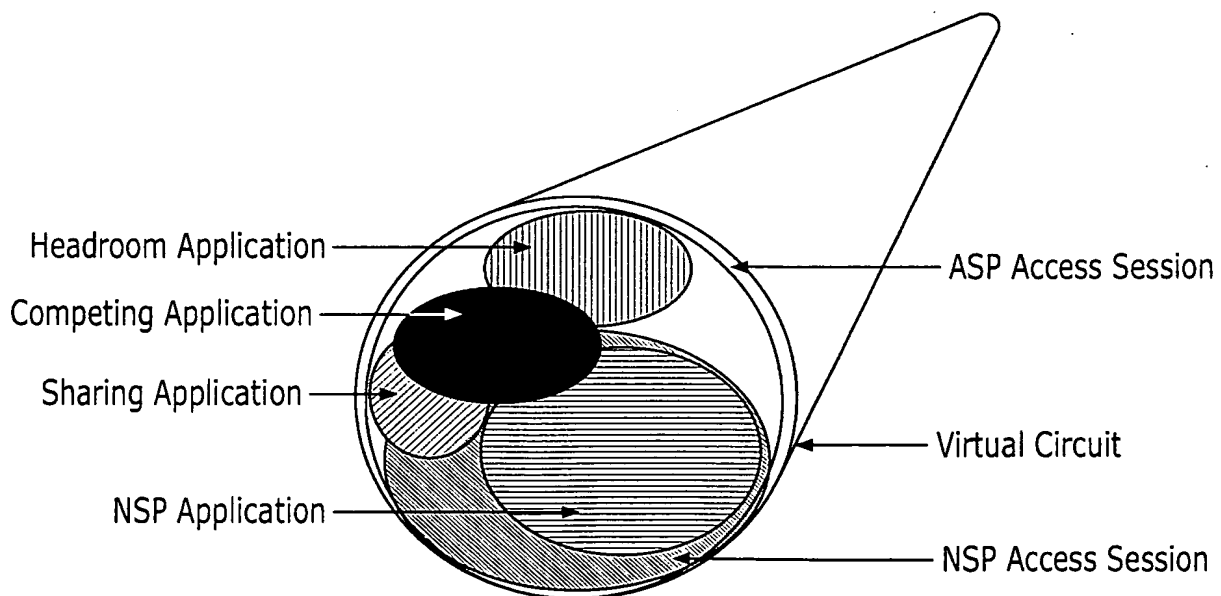
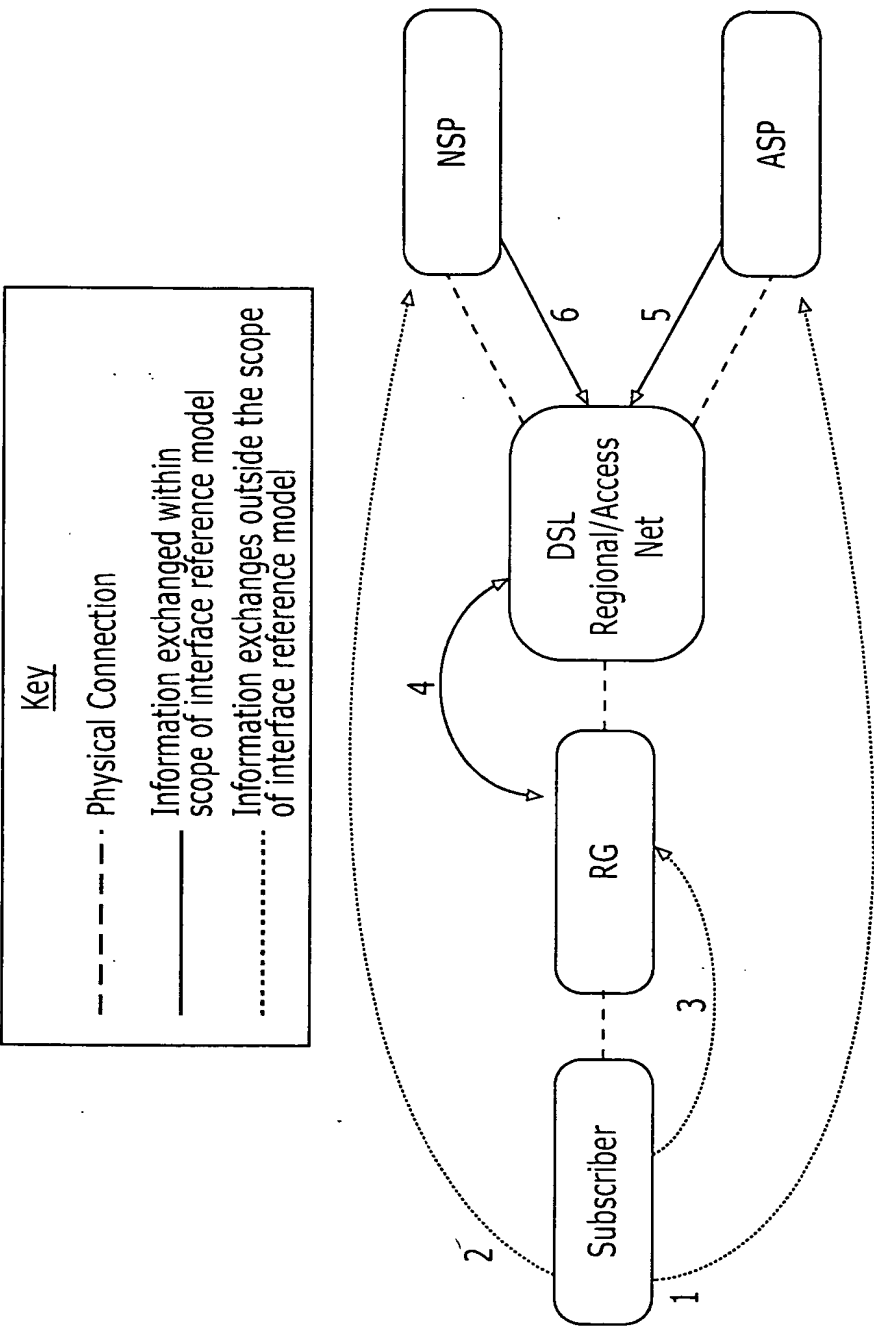


FIGURE 7



- 1,2: The subscriber exchanges information with the A/NSP when signing up for a service
- 3: The subscriber configures the RG. This may only be for the initial install. The ACS located within the Regional/Access Network may handle all subsequent conf changes
- 4: The RG initiates access sessions that are terminated in the DSL network. The ACS communicates with the RG for the configuration updates.
- 5,6: The NSP communicates with the DSL network to establish a DSL connection. The ASP and NSP also communicate bandwidth and QoS changes per session or application.

FIGURE 8



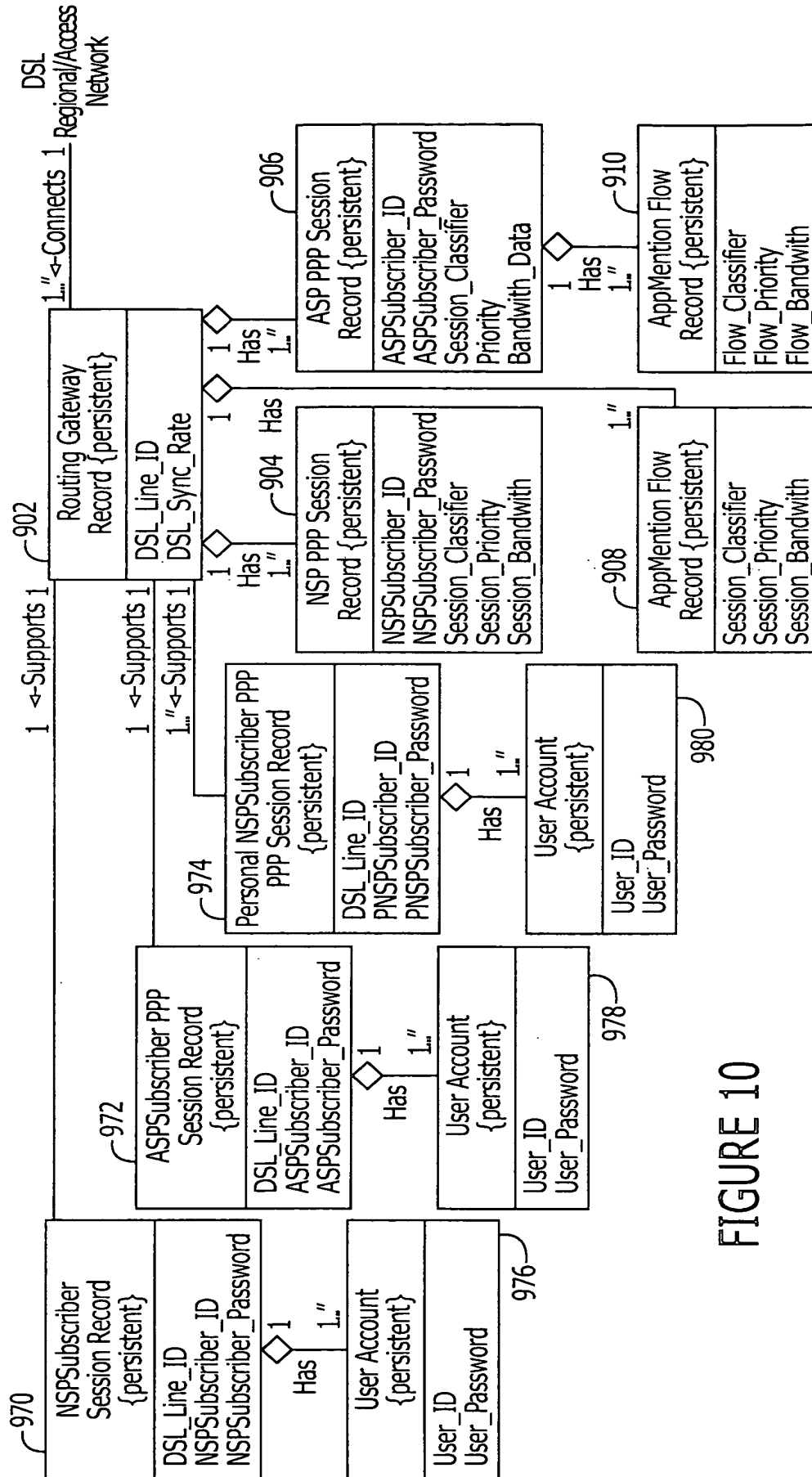


FIGURE 10

Replacement Sheet

FIGURE 11A

FIGURE 11B

FIGURE 11

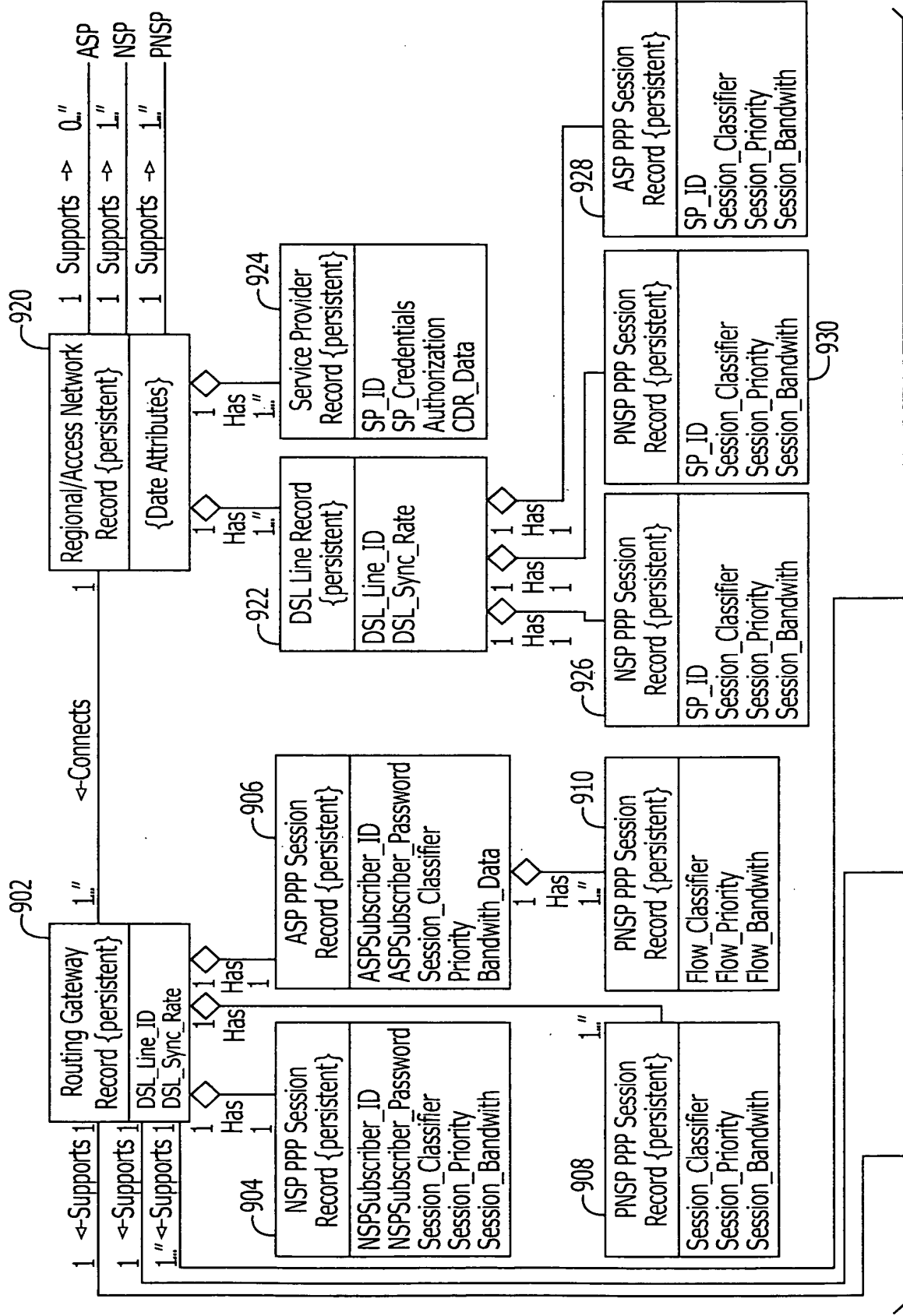


FIGURE 11B

FIGURE 11A

FIGURE 11A

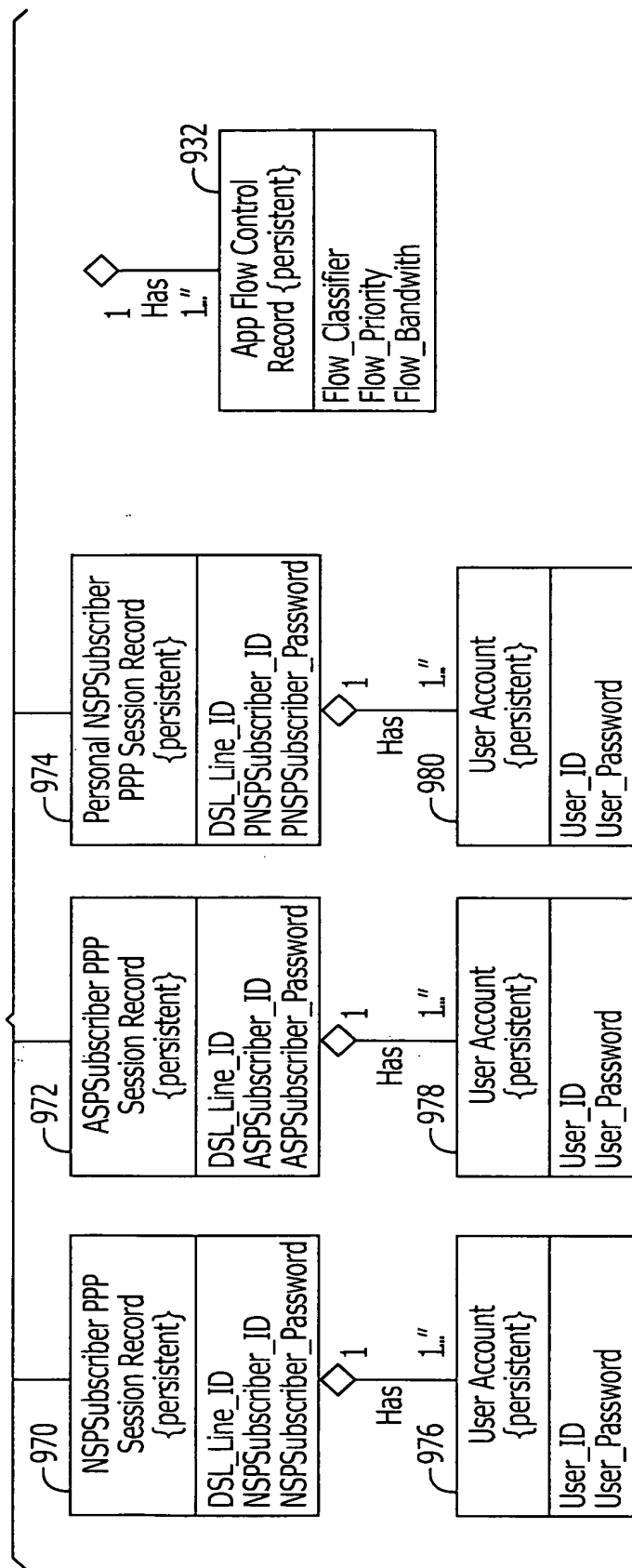


FIGURE 11B

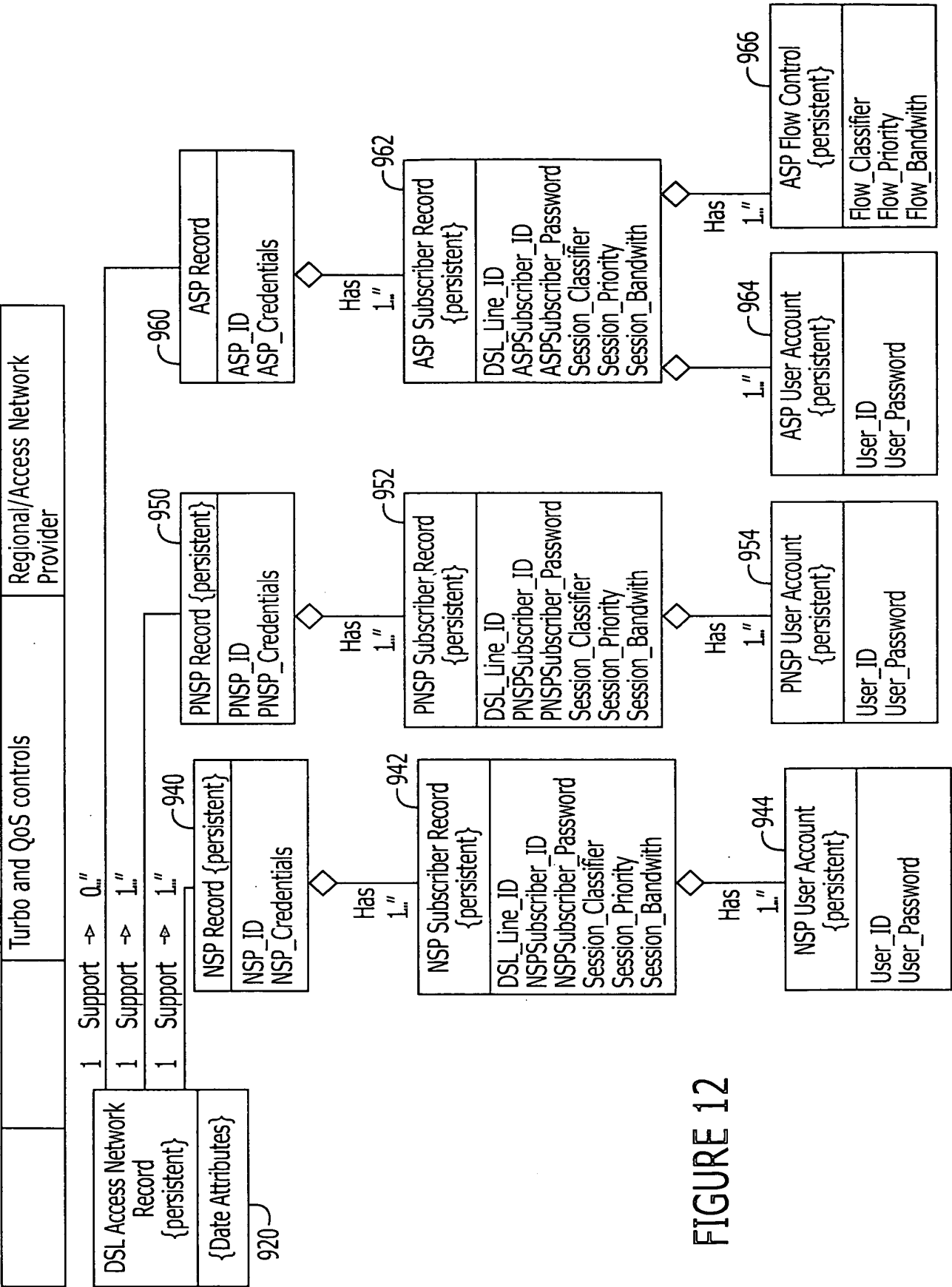


FIGURE 12

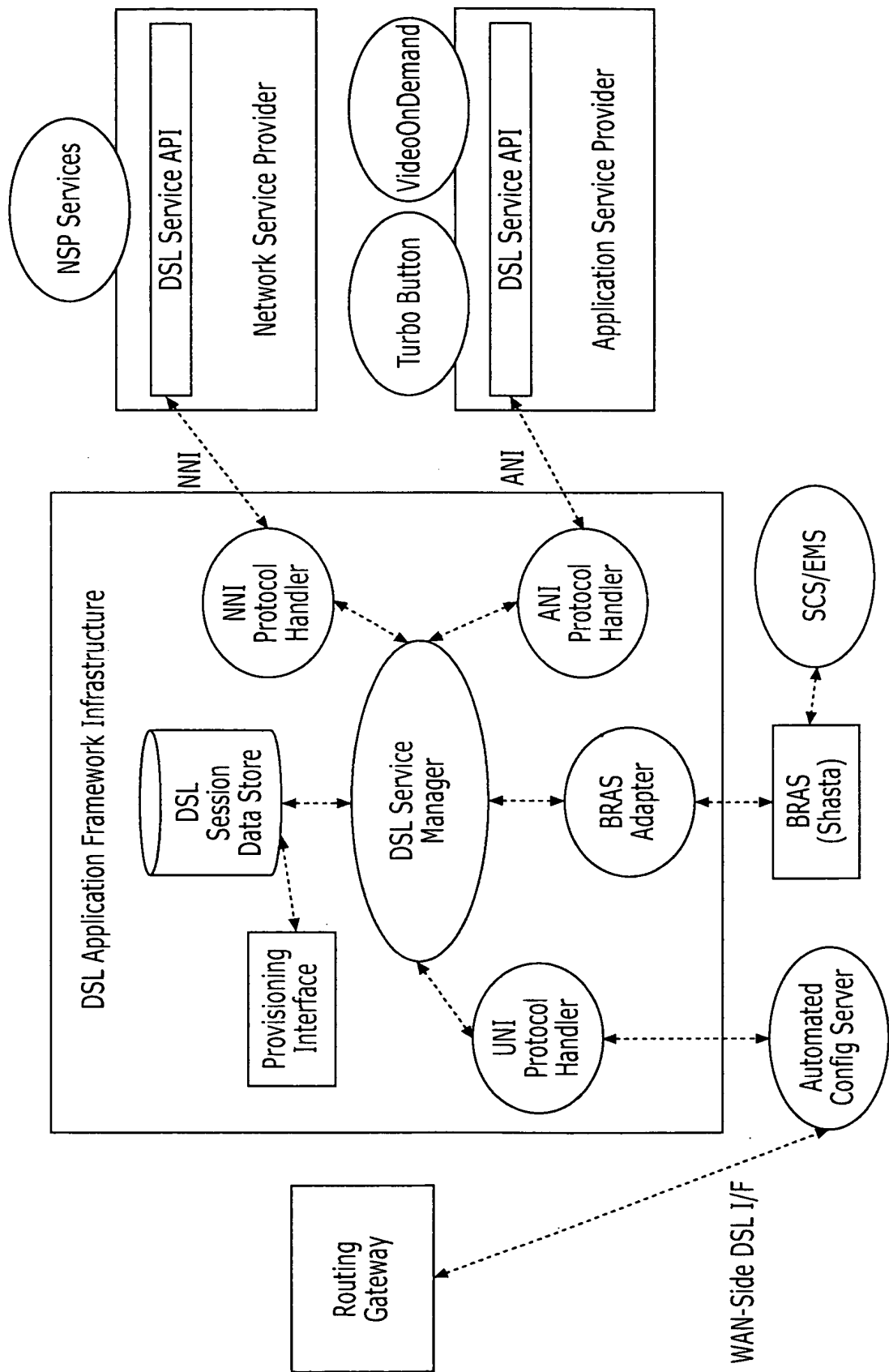


FIGURE 13

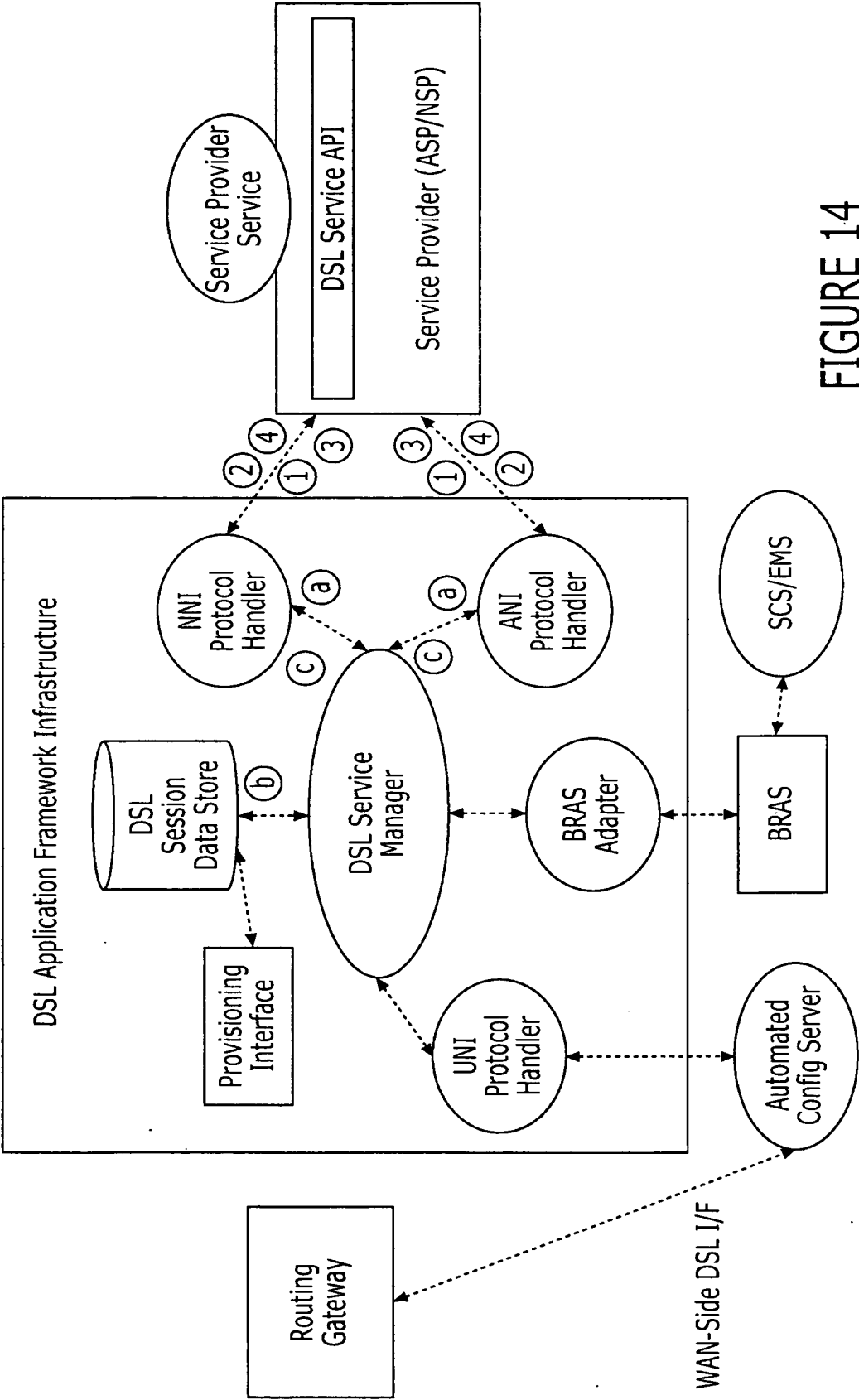


FIGURE 14

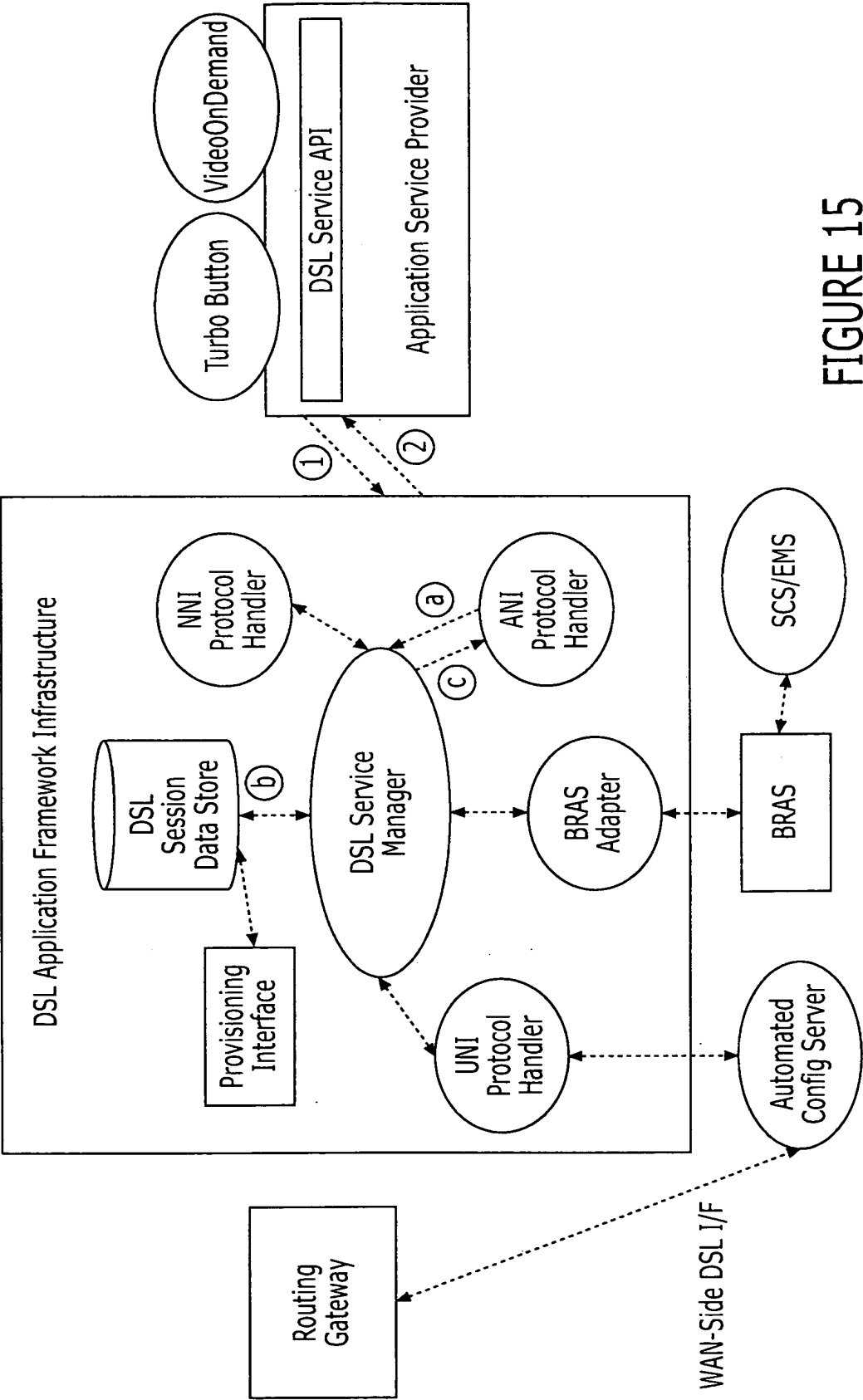


FIGURE 15

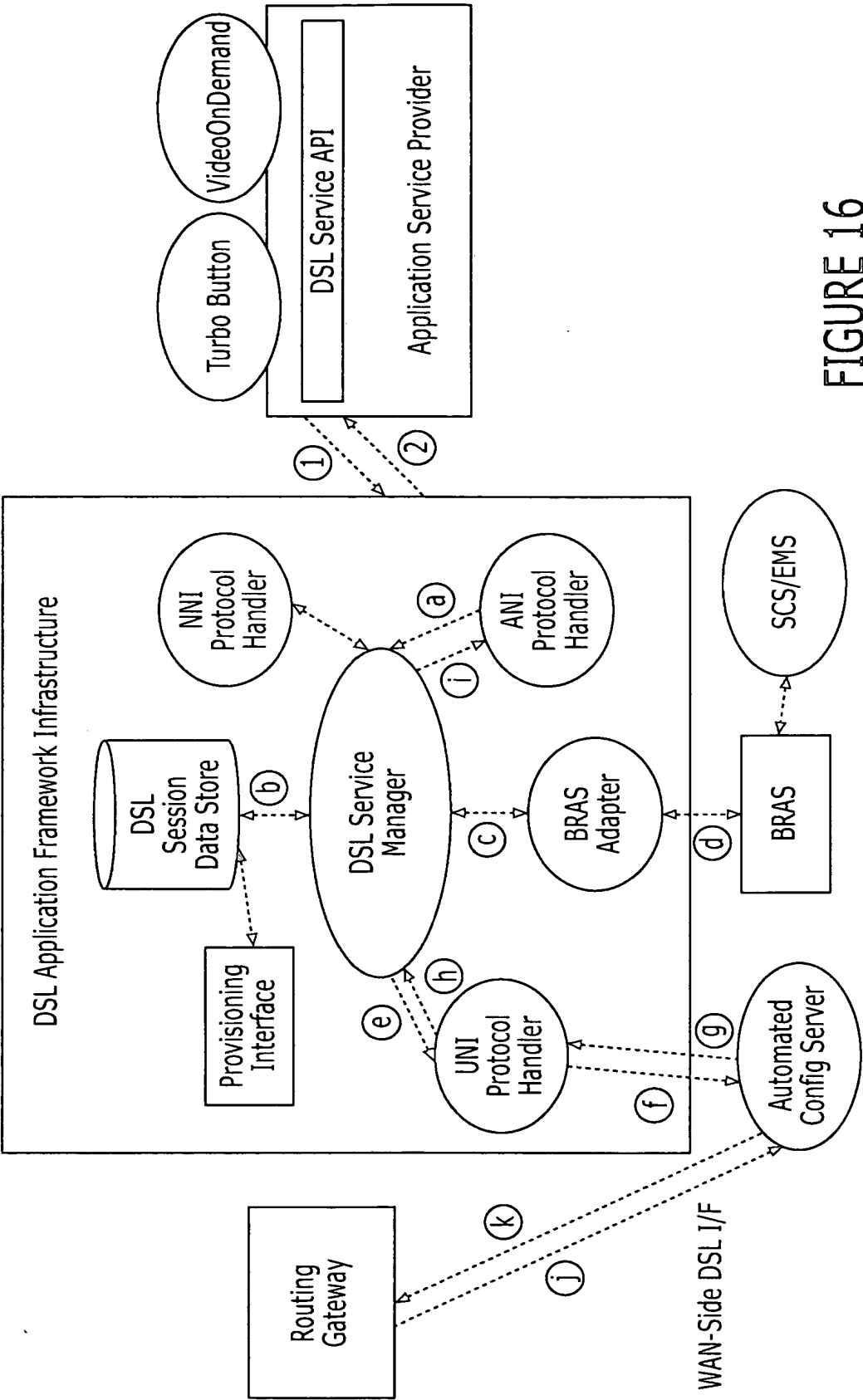


FIGURE 16

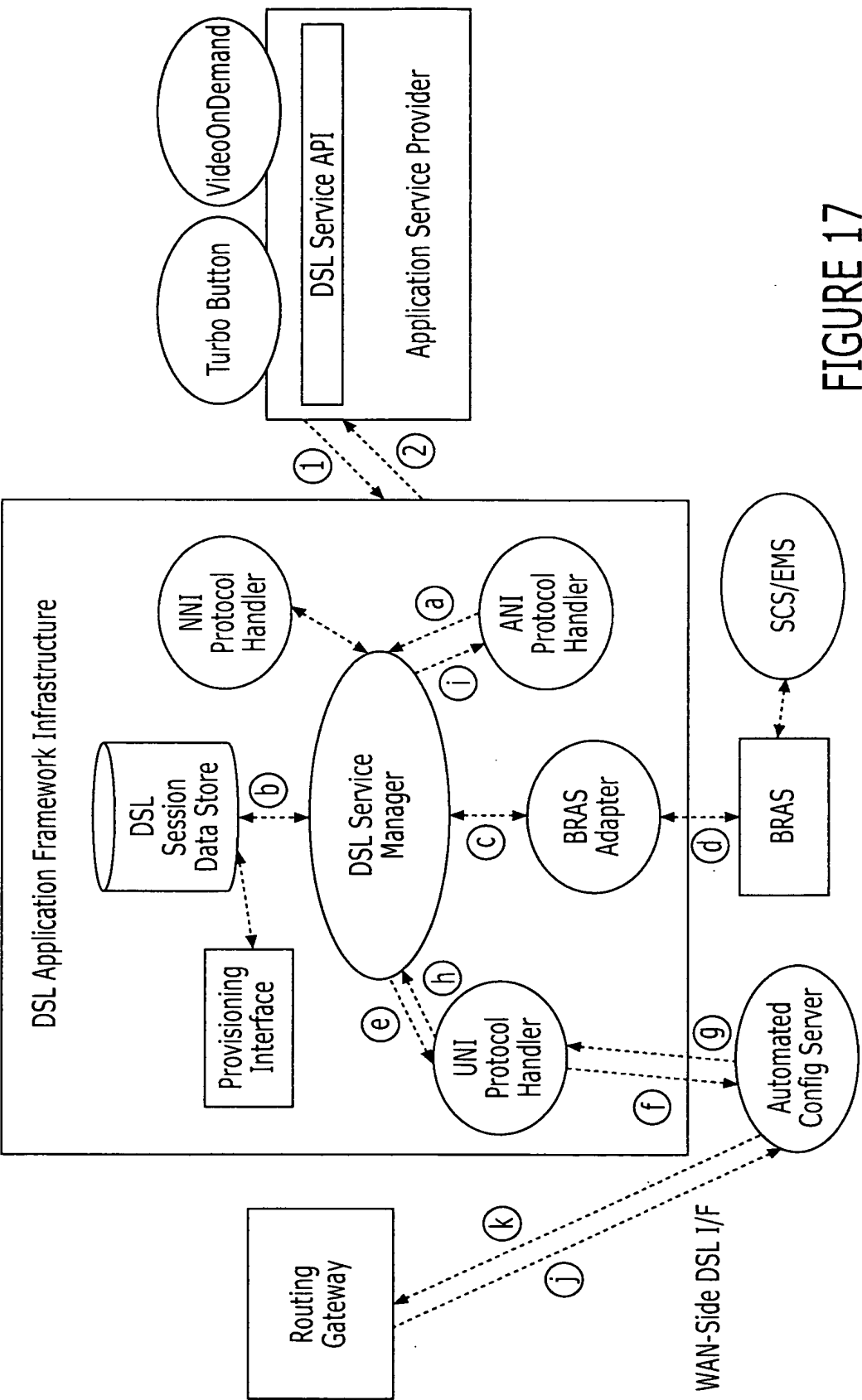


FIGURE 17

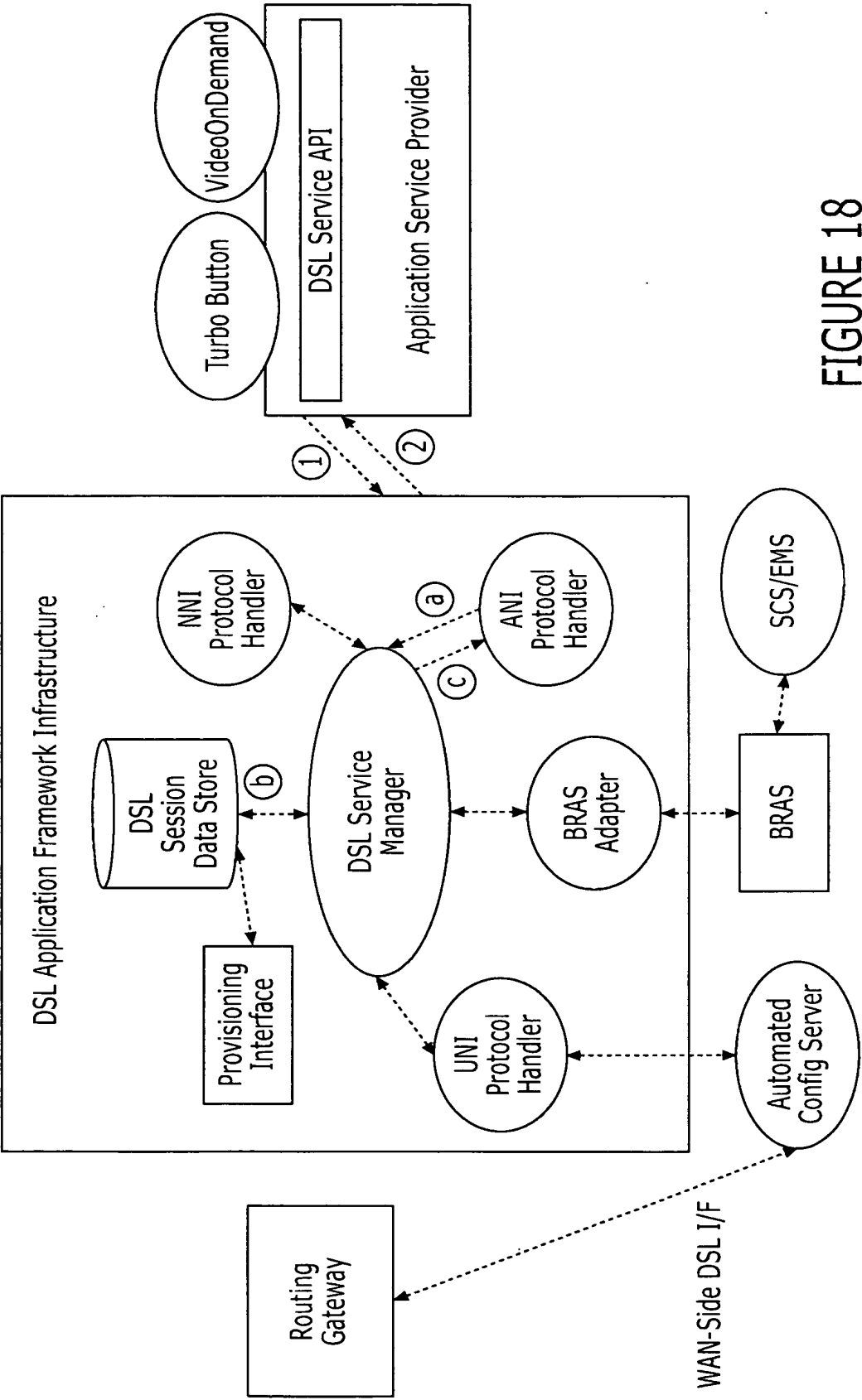


FIGURE 18

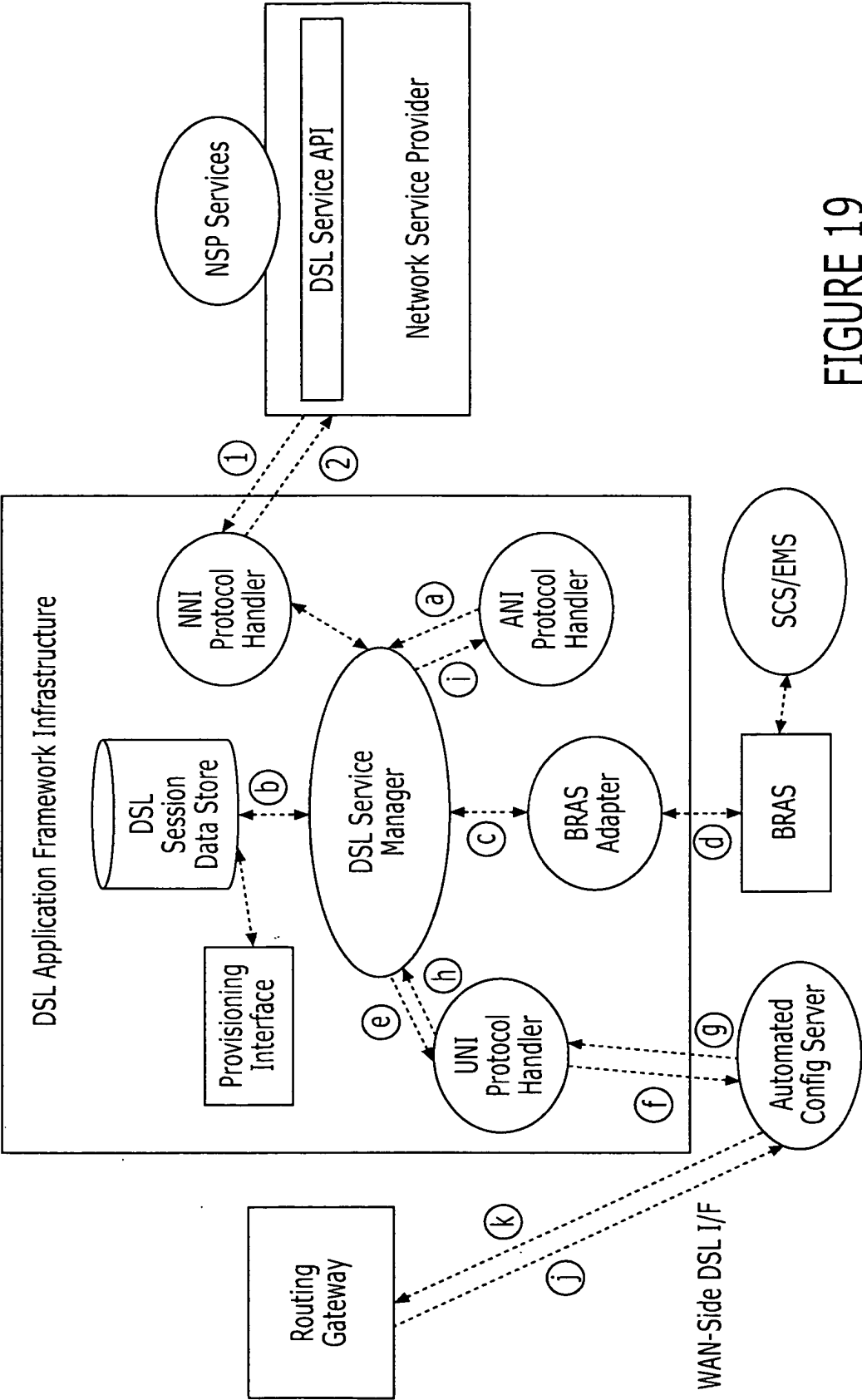


FIGURE 19

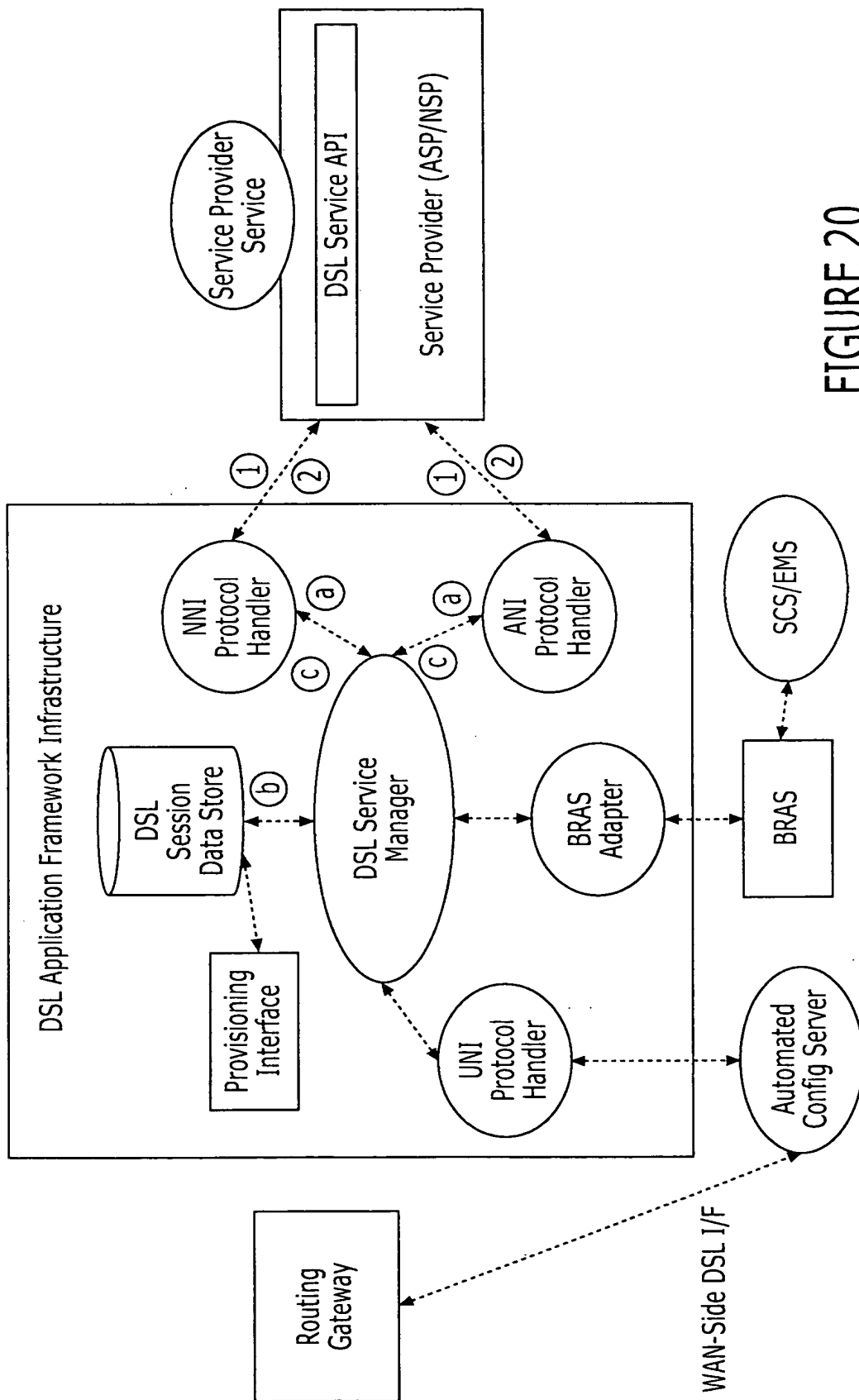


FIGURE 20

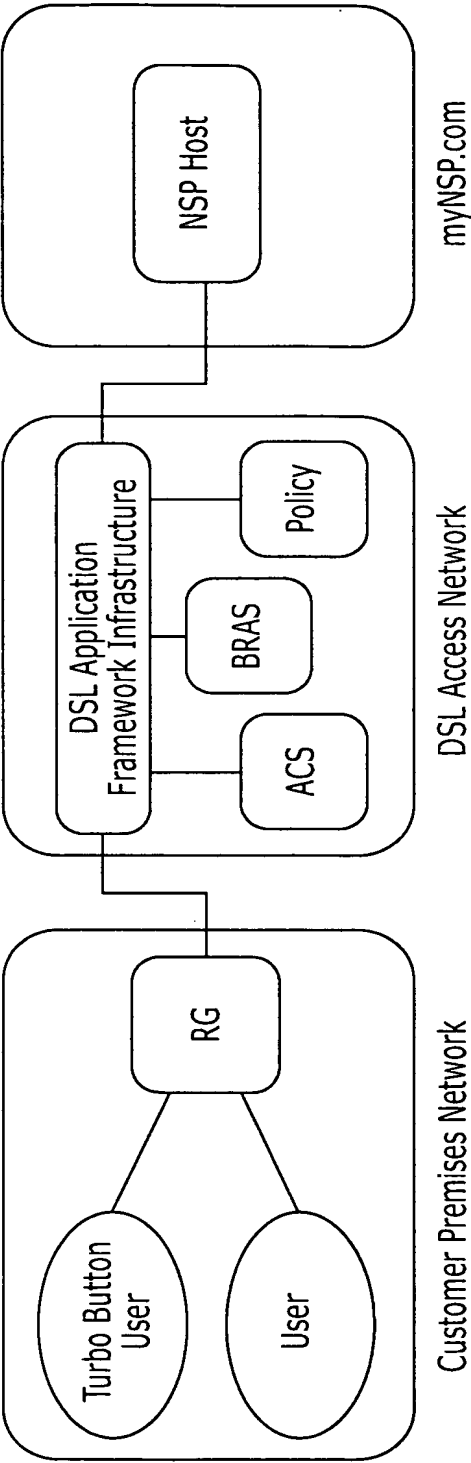


FIGURE 21

FIGURE 22A
FIGURE 22B

FIGURE 22

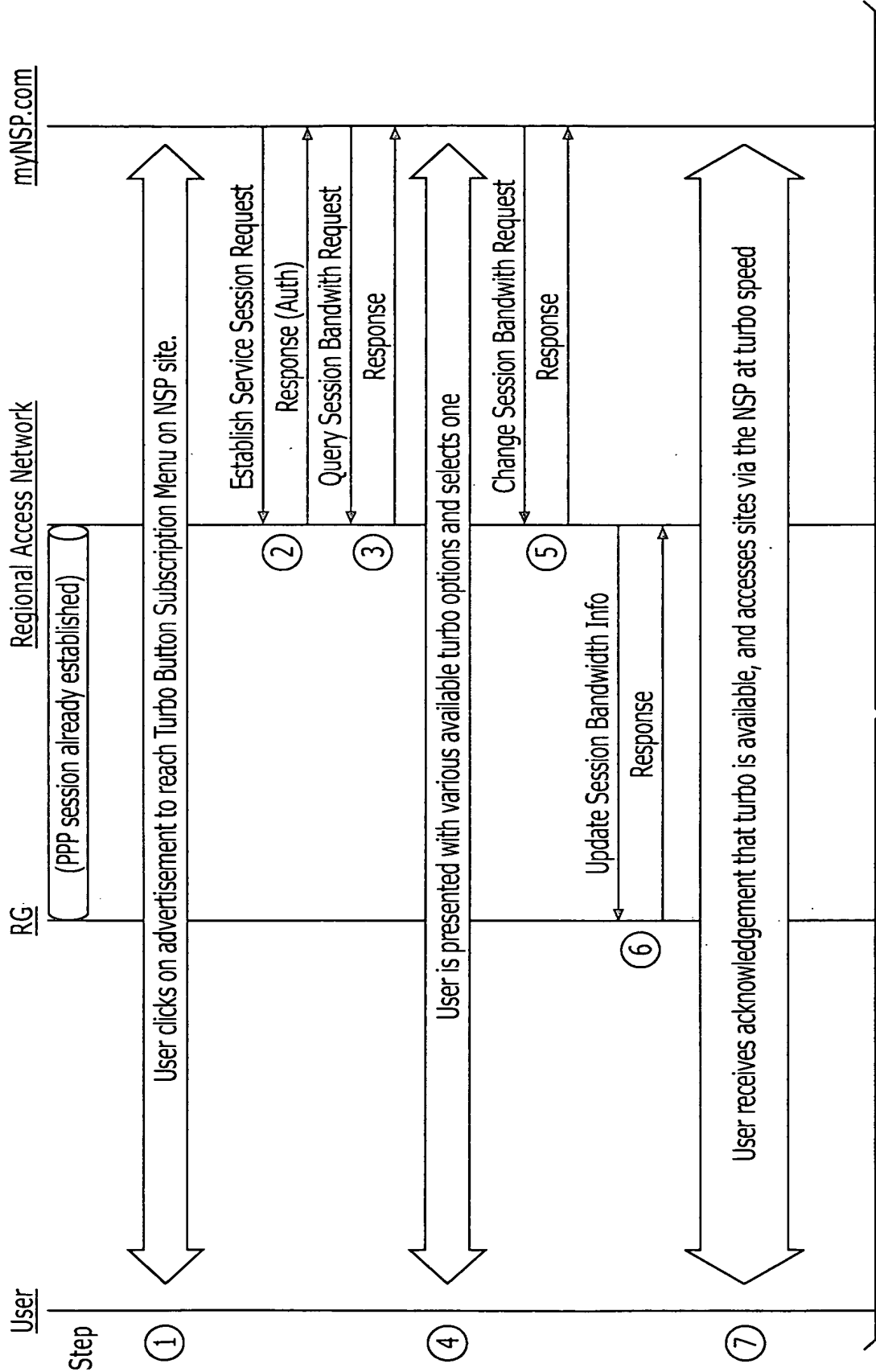


FIGURE 22B

FIGURE 22A

FIGURE 22A

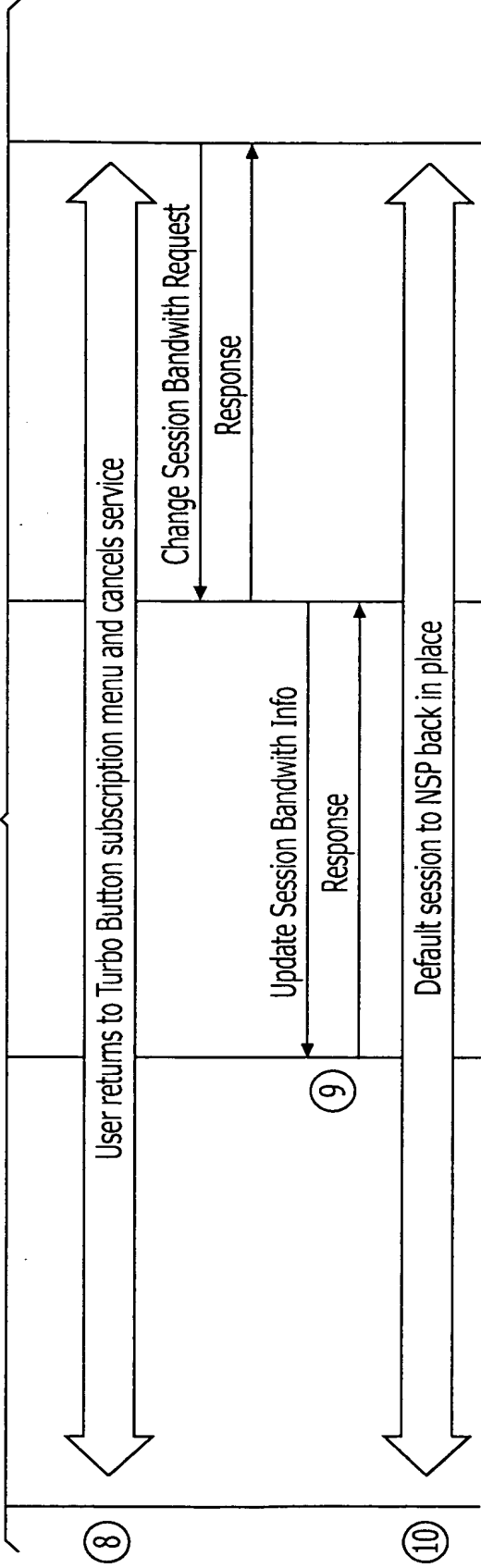


FIGURE 22B

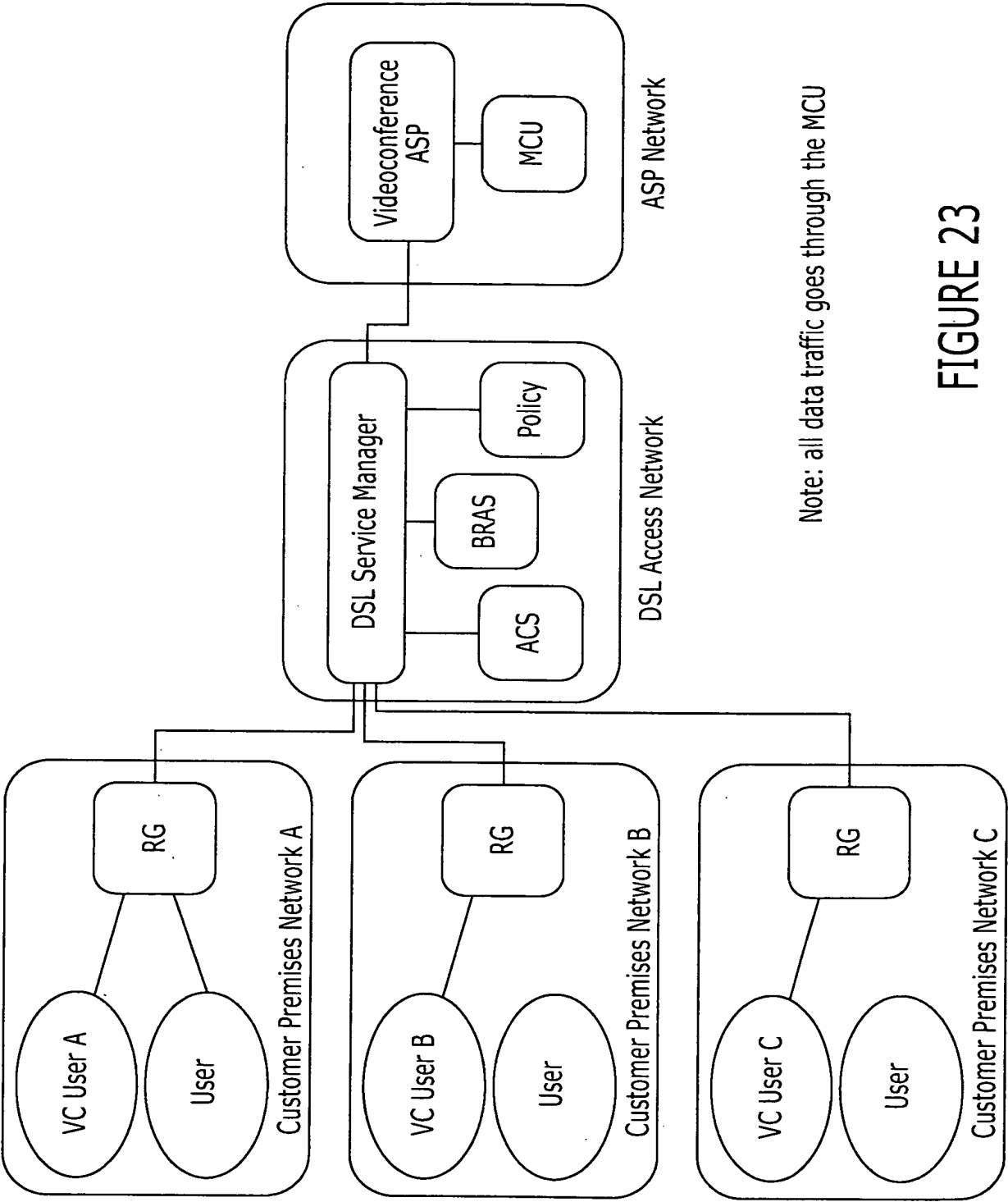


FIGURE 23

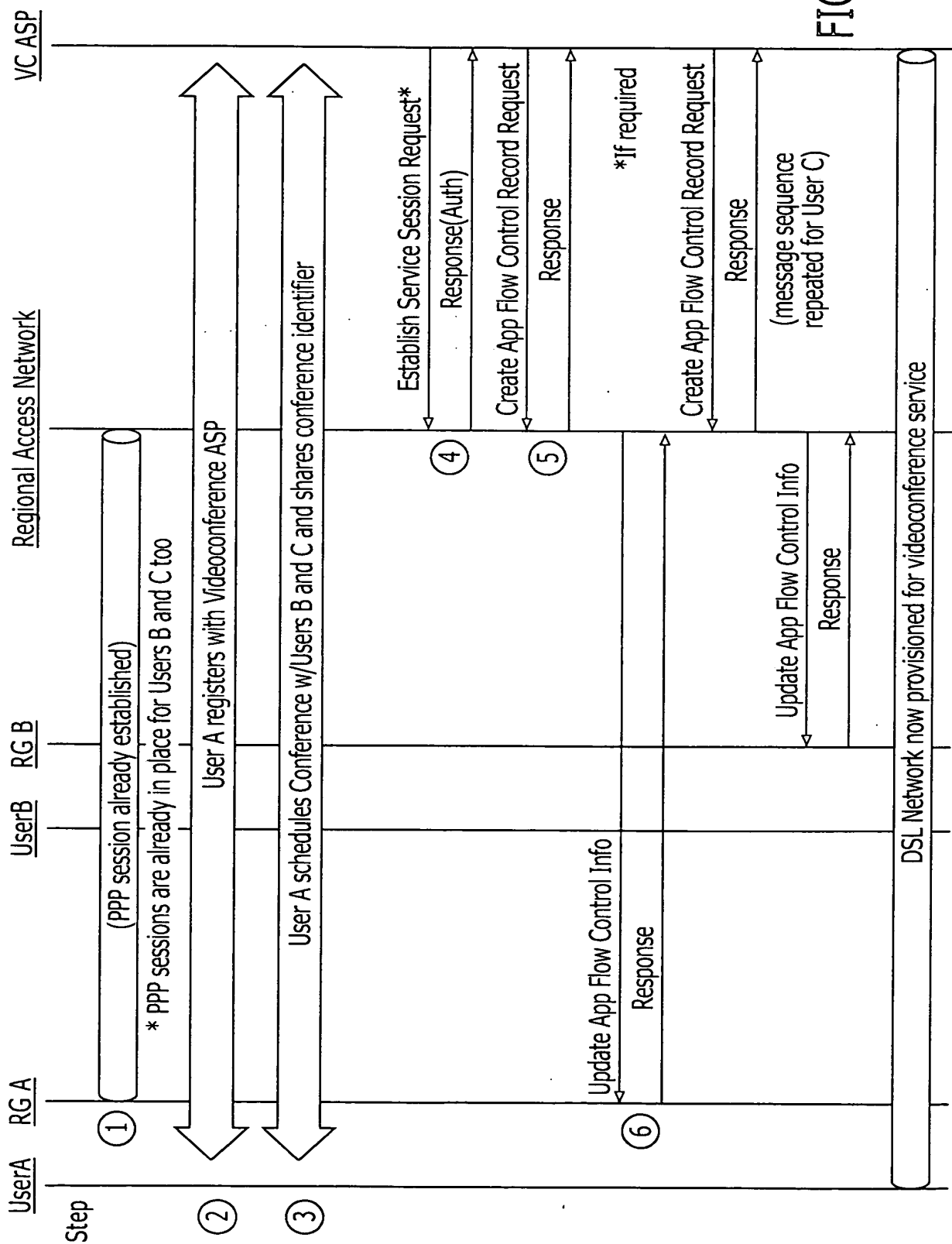
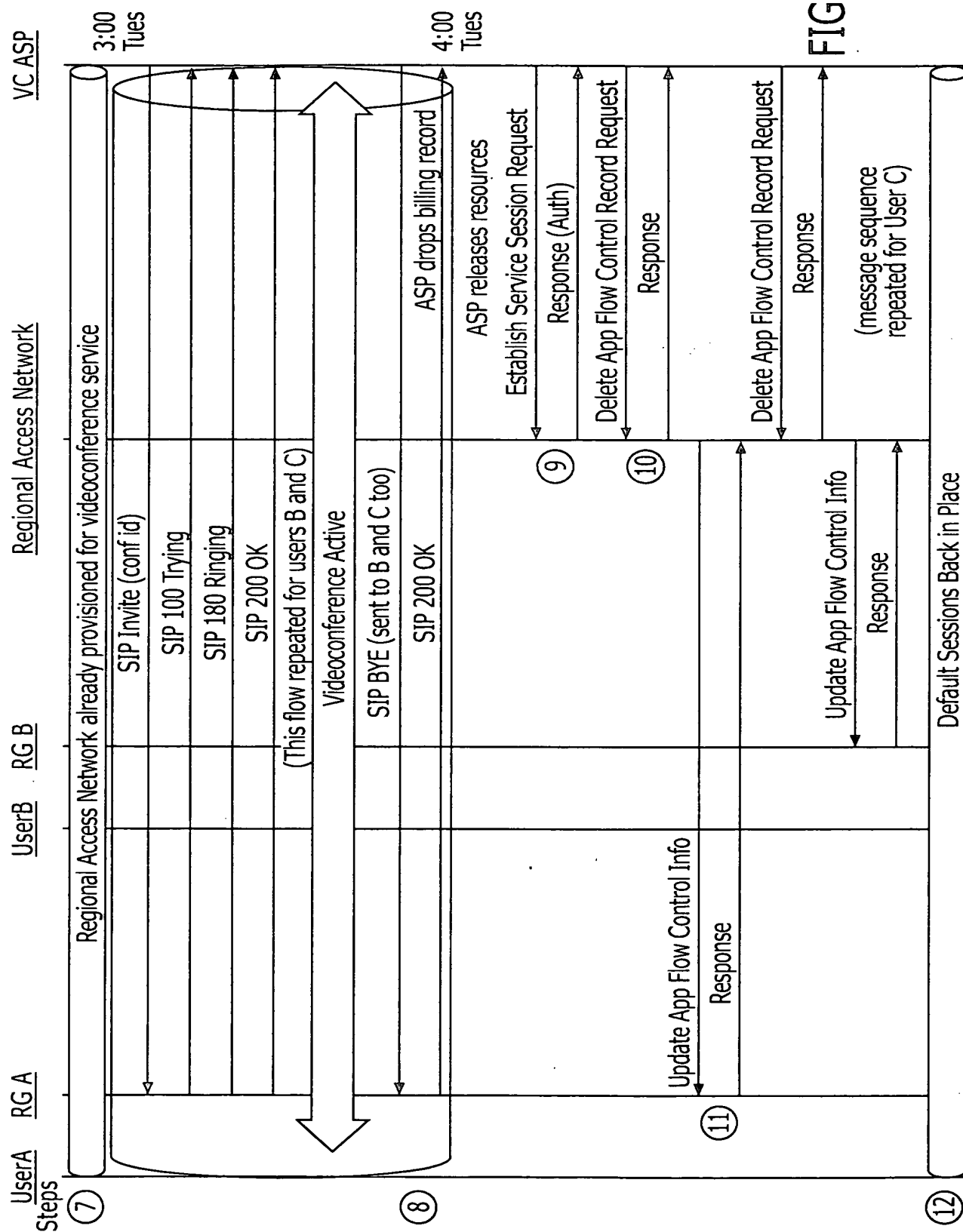


FIGURE 24



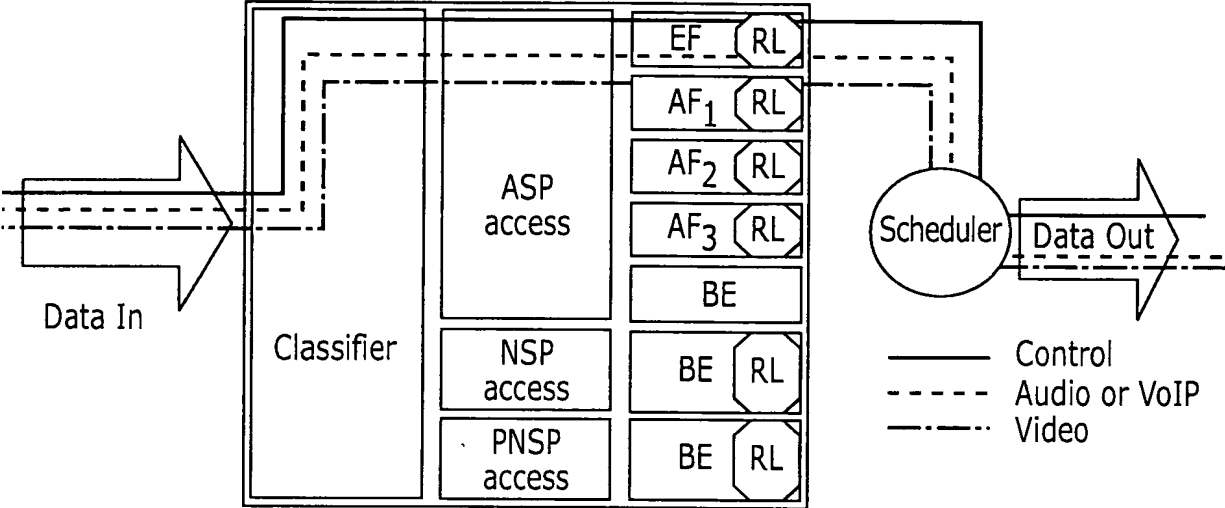


FIGURE 26

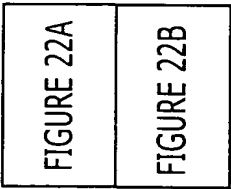
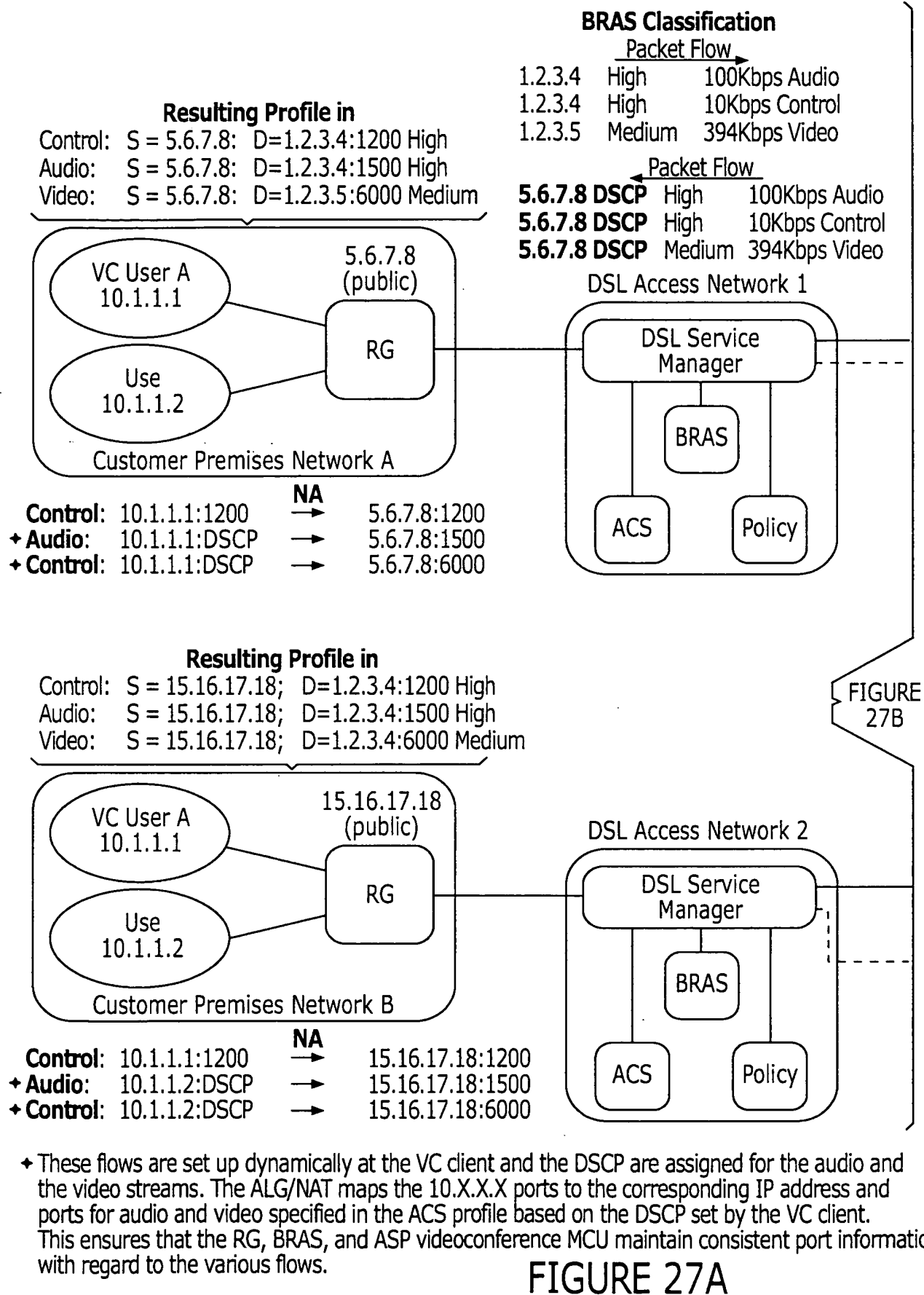


FIGURE 27

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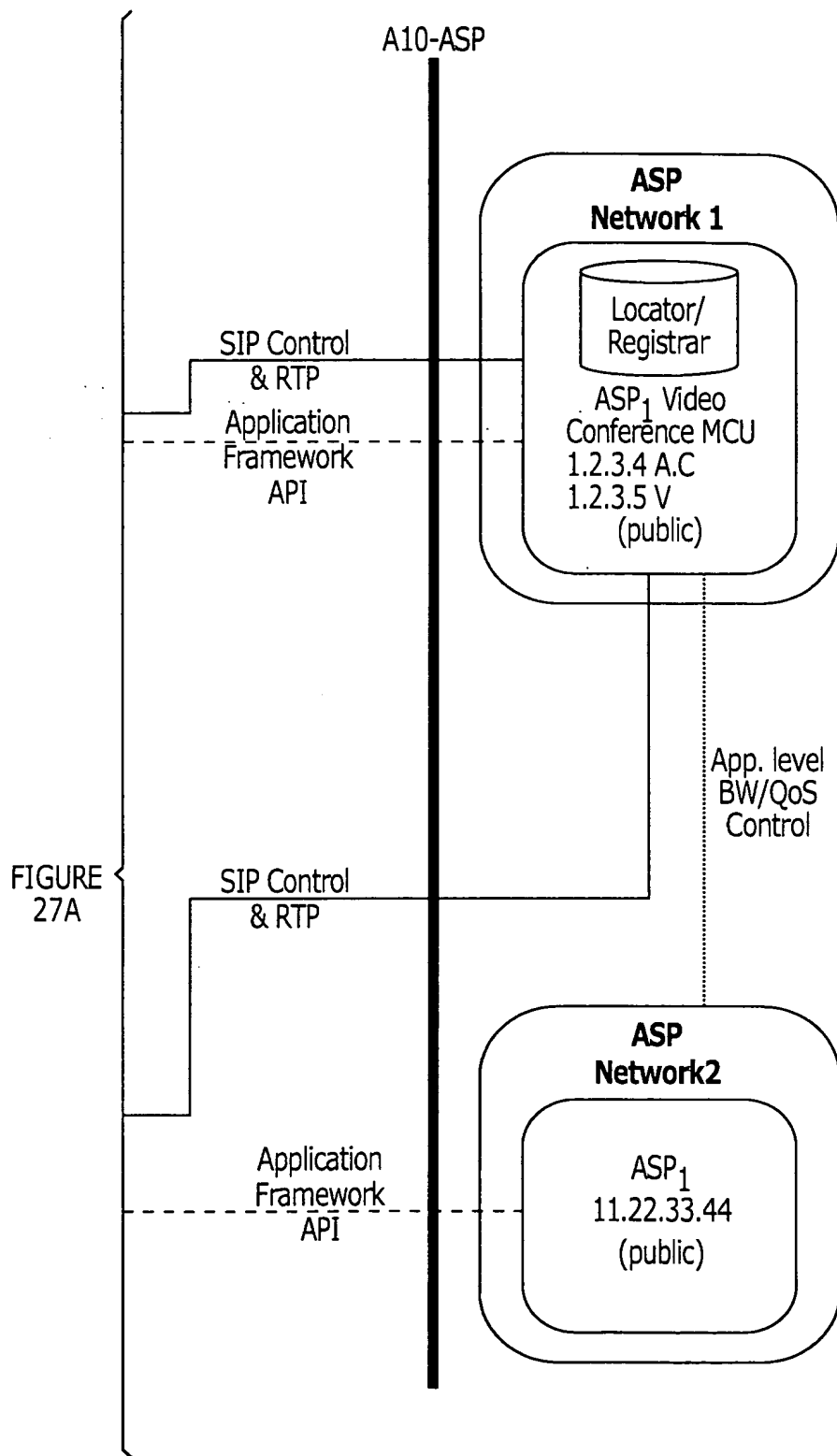


FIGURE 27B

Replacement Sheet

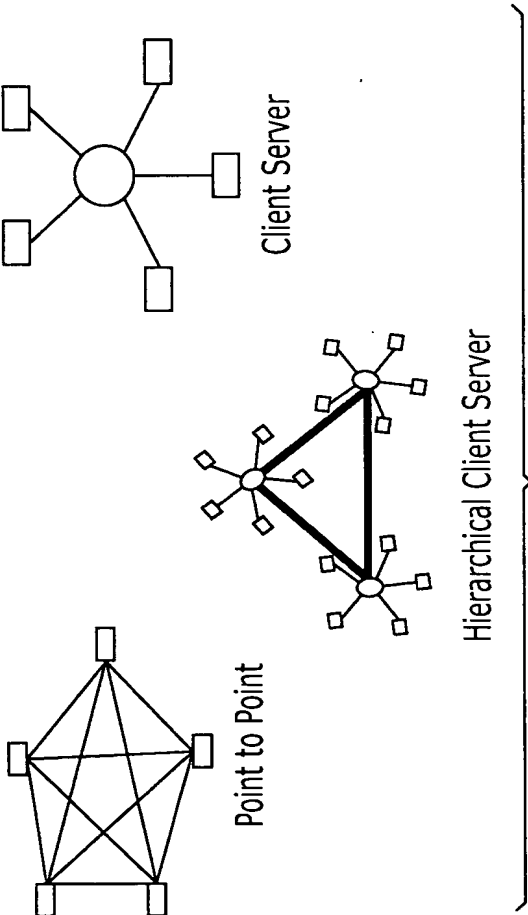


FIGURE 28

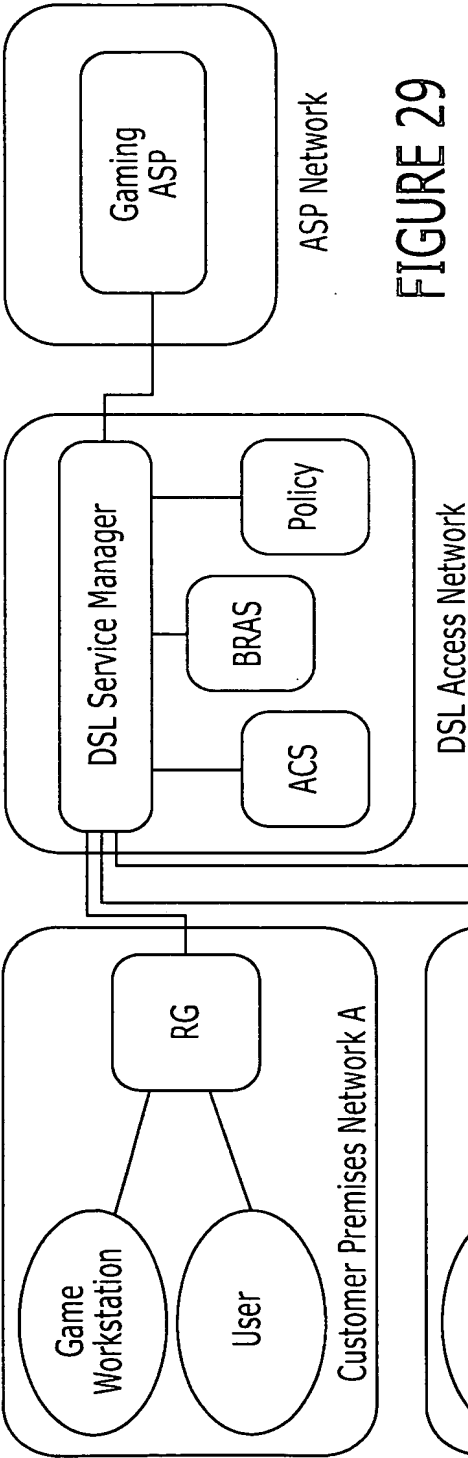


FIGURE 29

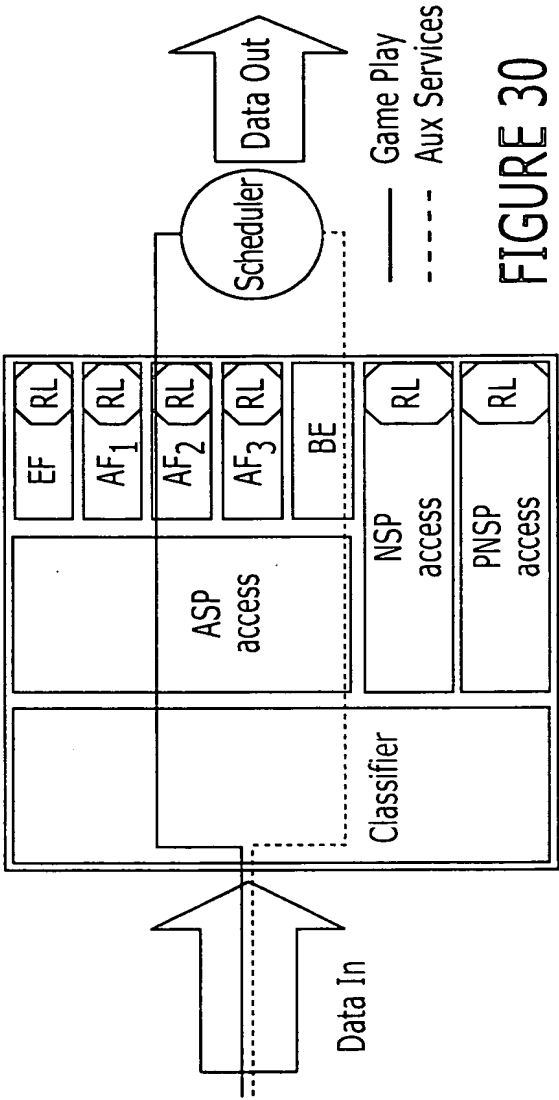


FIGURE 30

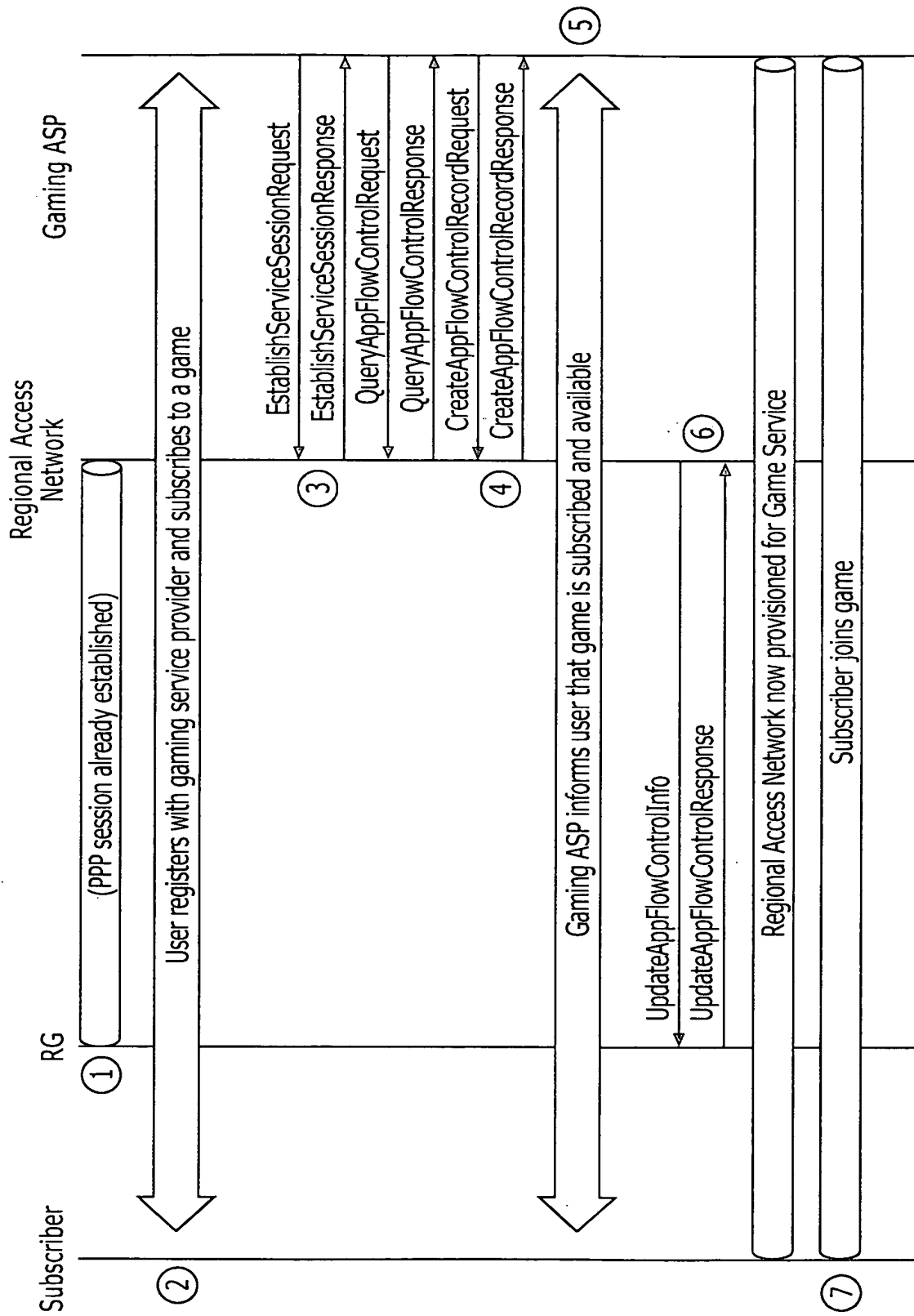


FIGURE 31

FIGURE 32

